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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No. : 10/826,813  
Applicant : Nobuo Kanou et al.  
  
Filed : April 15, 2004  
TC/A.U. : 2816  
Examiner : Nguyen, Long T.  
Title : **EXPONENTIAL CONVERSION CIRCUIT AND VARIABLE GAIN CIRCUIT**  
  
Docket No. : 2102475-991151  
Customer No. : 26379

M/S Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Certificate of Mailing

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February 2, 2005.

Rosa A. Caviedes

**RESPONSE TO OFFICE ACTION OF NOVEMBER 15, 2004**

Sir:

In response to the Office Action of November 15, 2004, please amend the above identified application as follows:

**Amendments to the Specification** begin on page 2 of this paper.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 4 of this paper.

**Amendments to the Drawings** begin on page 6 of this paper and include both an attached replacement sheet and an annotated sheet showing changes.

**Remarks/Arguments** begin on page 7 of this paper.

**An Appendix** including amended drawing figures is attached following page 9 of this paper.